. . . . TAVAILABLE COPY

## In the Statisfication

Place substitute the following paragraphs for the corresponding paragraphs being amodel:

parts extent dallages in coling the high passure tubire non-using the curetly satisfable speakley disk nationals. By quanting the compassor for advising high dishappeasure of the air used in the connection process, the temperature of that high passure air is consequalityly increased which decreases the shilling of that OP air to cool the high passure tubire. Adequate cooling of the turbire is required for ensuing a long useful life threat and to reduce the read for periodic maintenance.

More specifically, the first turbine is illustrated in more detail in Hayre 2 Hours 2 and 3 and comprises a first rotor disk 26 having forward and aft sides or fares extending radially inwardly from the perimeter rim to a thirmer who terminating in a larger certaal hib. The hib includes a certar large, and a row of first stage turbine rotor blades 46 extends radially outwardly from the rim of the turbine disk.

Nowithstanding the statatial pressure loss in the contestion gress as they flow over the first stage rotor blacks during question, the two backflow margins near the leading and trailing edges of the airfoils may remain within the ratio of about 1.5 for presenting excess backflow which could cause undesirable blowoff or lift-off of the air distanged from the airfoil film as film cooling air.